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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/823,894	03/31/2001	Jochen Kappel	051207-1050	7566

24504 7590 06/30/2004

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EXAMINER

SALL, EL HADJI MALICK

ART UNIT PAPER NUMBER

2157

DATE MAILED: 06/30/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/823,894

Applicant(s)

KAPPEL ET AL.

Examiner

El Hadji M Sall

Art Unit

2157

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 6 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 31 March 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

1. DETAILED ACTION

This action is responsive to the application filed on March 31, 2001.
Claims 1-20 are pending. Claims 1-20 represent Corba Jellybens System and Method.

2. Claim Rejections - 35 USC § 102

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

3. Claim 1-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Apte et al. U.S. 6,269,373.

Apte teaches the invention as claimed including a method and system for persisting beans as container-managed fields.

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As to claim 1, Apte teaches a system for providing interaction between a client and a server, comprising:

means for providing at least one property that a bean represents (column 7, lines 18-22, Apte discloses two java beans may be employed that implement the client object 400 and server object 402. What makes a bean different from a pure object is that it has an external interface, called the properties);

means for providing a property field that describes usage of an attribute for the bean (figure 12; column 16, lines 57-65, Apte discloses ...bean data is automatically maintained by the container using a mechanism of its choosing... when a bean chooses to have its persistence container-managed, it specifies which of its fields are to be retained);

means for providing a type that describes the bean (column 2, lines 49-51, Apte discloses the bean may have container-managed fields of both primitive and complex data-types...); and

means for using the bean to provide interaction between a client and a server (figure 7; column 11, lines 14-20, Apte discloses ...because Java client object 704 is attempting to invoke a method within remote EJB 728 similar to client 602 and server 614).

As to claim 2, Apte teaches the system of claim 1, further comprising:

means for mapping the at least one property to a method in a stub (column 7, lines 20-24, Apte discloses what makes a bean different from a pure object is that it has an external interface, called the properties interface, which allows a tool to read what the component is supposed to do and hook it up to other beans and plug it into another environment).

As to claim 3, Apte teaches the system of claim 1, further comprising:

means for providing a handle for the bean (column 16, lines 50-51, Apte discloses obtaining the bean as a handle).

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As to claim 4, Apte teaches the system of claim 3, further comprising: means for using the handle for transaction contact (column 16, lines 35-38, Apte discloses while a session bean has a container-provided identity, called its handle, that identity passes when the session bean is removed by the client at the end of a session).

As to claim 5, Apte teaches the system of claim 1, further comprising: means for indicating if a value of one of the at least one property has changed (column 16, lines 23-27, Apte discloses stateful session beans maintain data consistency...to keep informed of changes in transaction status...).

Claims 6-20 do not teach or define any new limitations above claims 1-5 and therefore are rejected for similar reasons.

4.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to El Hadji M Sall whose telephone number is 703-306-4153. The examiner can normally be reached on 8:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on 703 308-7562. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

El Hadji Sall
Patent Examiner
Art Unit: 2157



SALEH NAJJAR
PRIMARY EXAMINER